

# In the United States Patent and Trademark Office

## Patent Application Transmittal

22154 U.S. PTO  
10/683665**Transmitted herewith for filing is the Patent Application of:**

Inventors(s): James Edward Aston, John Michael Lake, Durga Devi Mannaru  
 For: Systems and Methods For Efficient Computer Virus Detection  
 Assignee Name: International Business Machines Corporation  
 Assignee Residence: Armonk, New York

**Enclosed are**

- 24 pages of specification, including 29 claims, plus 4 sheets of **Formal** drawings.  
 X An assignment to International Business Machines Corporation, Armonk, New York 10504.  
 A certified copy of a/an application.  
 X Declaration and Power of Attorney.  
 X PTO-1449 & references  
 X A return post card  
 Other:

**Filing Fee Calculation (For Other Than Small Entity)**

Basic Fee:						\$770.00
Claims Fees:	Filed	Limit	Extra		Rate per Extra	
Total claims:	29	20	9		\$18.00	\$162.00
Independent claims:	3	3	0		\$86.00	\$0.00
Multiple Dependent Claim Presented					\$290.00	\$0.00
<b>Total</b>						<b>\$932.00</b>

Please charge the Deposit Account identified below for the **Total** set forth above. The Commissioner is authorized to charge payment of any additional filing fees required under 37 CFR §1.16 and any patent application processing fees under 37 CFR §1.17 or to credit any overpayment to the identified account. A duplicate copy of this sheet is enclosed.

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I hereby certify that I am depositing the papers identified above with the U.S. Postal Service "Express Mail Post Office to Address" service on the above date, addressed to Mail Stop Patent Application; Commissioner for Patents, P.O. Box 1450; Alexandria, VA 22313-1450

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